1	L Number	Hits	Search Text	DB	Time stamp
2 37532 (360/8).ccls. (9i11).in. (9i11).in. (9i11).in. (9i11).in. (9i11).in. (9i11).in. (9i11).in. (9i11).in. (9i12).in. (9i12).in. (9i11).in. (9i12).in. (1	0			2003/07/14 21:00
3	2	37532	(360/\$).ccls.	USPAT;	2003/07/14 21:00
165 (1360/8).ccls.) and ((gill).in.) USPAT; U	3	1267	(gill).in.	USPAT;	2003/07/14 21:01
S	4	165	((360/\$).ccls.) and ((gill).in.)	USPAT;	2003/07/14 21:07
Comparison Com	5	1103	Conife NiCoFe FeCoNi FeNiCo CoFeNi NiFeCo	USPAT;	2003/07/14 21:07
7	6	22	AP adj free '	USPAT;	2003/07/14 21:08
Section	7	837	ferri\$10 near3 free	USPAT;	2003/07/14 21:08
9	8	230	(anti?parallel antiparallel)near3 free	USPAT;	2003/07/14 21:08
10	9	45	AP adj2 free	USPAT;	2003/07/14 21:08
((anti?parallel antiparallel) near3 free) ((AP adj2 free)) ((AP adj2 free) ((AP adj2 free)) ((AP adj2 free)) ((AP adj2 free)) ((AP adj2 free)) ((AP adj2 free) ((AP adj2 free)) ((AP adj2 free) ((AP adj2 free) ((AP adj2 free)) ((AP adj2 free) ((AP adj2 free)) ((AP adj2 free) ((AP adj2	10	4	•	USPAT;	2003/07/14 21:09
12	11	4	<pre>((anti?parallel antiparallel)near3 free) (AP adj2 free)) (CoNiFe NiCoFe FeCoNi FeNiCo CoFeNi NiFeCo) same ((ferri\$10 near3 free) ((anti?parallel antiparallel)near3 free)</pre>	USPAT;	2003/07/14 21:25
- 66037 (360/\$ 369/\$ 29/603\$).ccls. USPAT; US-PGUB	12	2			2003/07/14 21:25
- 109 (360/324).ccls. USPAT; US-PGPUB USPAT; U	-	66037	(360/\$ 369/\$ 29/603\$).ccls.	USPAT;	2003/02/25 16:33
- 138 (360/313).ccls. US-FGPUB USPAT; 2003/02/24 00:48 US-FGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2003/02/24 00:48 US-PGPUB USPAT; USPAT USPA	-	109	(360/324).ccls.	USPAT;	2003/02/24 00:48
- 311 (360/110).ccls.	_	252	(360/317).ccls.	USPAT;	2003/02/24 00:48
- 25 (360/327.3).ccls. USPAT; USPPUB USPAT; USPPUB USPAT; USPEPUB USPAT; USPAT; USPAT; USPEPUB USPAT; USPAT; USPAT	-	138	(360/313).ccls.	· ·	2003/02/24 00:48
- 62 (360/327.32).ccls.	_	311	(360/110).ccls.	-	2003/02/24 00:48
Table	_	25	(360/327.3).ccls.	USPAT;	2003/02/24 00:48
(360/324).ccls.) ((360/317).ccls.) ((360/313).ccls.) ((360/110).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.) 203 (360/324.12).ccls. 144 (360/324.1).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls. 203 (360/324.12).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/317).ccls.) ((360/323).ccls.) ((360/317).ccls.) ((360/323).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/327.32).ccls.) ((360/324).ccls.) ((360/327.32).ccls.) ((360/324).ccls.) ((360/327.32).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.)) ((360/327.3).ccls.) ((360/327.32).ccls.)) ((360/327.3).ccls.) ((360/327.32).ccls.)) ((360/327.3).ccls.) ((360/327.32).ccls.)) ((360/327.3).ccls.) ((360/327.32).ccls.) 2003/02/24 10:09 2003/02/24 10:10 2003/02/24 10:09	-	62	(360/327.32).ccls.	· ·	2003/02/24 00:48
- 203 (360/324.12).ccls. USPAT; US-PGPUB ((360/324.12).ccls.) ((360/324.1).ccls.) ((36	-	1191	((360/324).ccls.) ((360/317).ccls.) ((360/313).ccls.) ((360/110).ccls.)	· ·	2003/02/24 10:09
- 144 (360/324.1).ccls.	-	203		· ·	2003/02/24 10:09
- 203 (360/324.12).ccls.	_	144	(360/324.1).ccls.	USPAT;	2003/02/24 10:05
1191 ((360/324.12).ccls.) ((360/324.1).ccls.) USPAT; US-PGPUB (360/313).ccls.) ((360/317).ccls.) USPAT; US-PGPUB (360/327.3).ccls.) ((360/327.32).ccls.) USPAT; US-PGPUB (360/327.3).ccls.) ((360/324.1).ccls.) USPAT; USPAT	-	203	(360/324.12).ccls.	USPAT;	2003/02/24 10:09
-	-	1191	((360/324).ccls.) ((360/317).ccls.)	USPAT;	2003/02/24 10:09
not (((360/324.1).ccls.) ((360/324.12).ccls.)) 1118 ((360/324.12).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/317).ccls.) ((360/313).ccls.) ((360/110).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.) (("5302461" "5465185" "5528440" USPAT 2003/02/24 11:09 USPAT 2003/02/24 USPAT 2003/02/24 USPAT 2003/02/24 USPAT 2003/02/24 USPAT	-	849	((360/327.3).ccls.) ((360/327.32).ccls.) (((360/324.12).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/317).ccls.) ((360/313).ccls.) ((360/110).ccls.)	· ·	2003/02/24 10:10
7 ("5302461" "5465185" "5528440" USPAT 2003/02/24 11:09 "5729410" "6172859").PN.	-		not (((360/324.1).ccls.) ((360/324.12).ccls.)) ((360/324.12).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/317).ccls.) ((360/313).ccls.) ((360/110).ccls.) ((360/327.3).ccls.) ((360/327.32).ccls.)	DERWENT;	2003/07/01 14:05
"6172859").PN.	- -		("5302461" "5465185" "5528440"		2003/02/24 11:09 2003/02/24 11:09
4 6204071.URPN. USPAT 2003/02/24 11:15	_	4		USPAT	2003/02/24 11:15

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-	12	("5408377" "5573809" "5644456"	USPAT	2003/02/24 11:15
		"5668688" "5684658" "5731936"		
		"5766780" "5783460" "5828531" "5959810" "5991125" "5998016").PN.		
1_	10		USPAT	2003/02/24 11:17
_	8	("3840898" "4103315" "4616281"	USPAT	2003/02/24 11:17
		"4713708" "4860138" "4907114"	OSFAI	2003/02/24 11:1/
		"4949039" "5159513").PN.		
_	1847	antiferrmagnetically	USPAT;	2003/02/24 11:19
İ		anti?ferromagnetically SAF	US-PGPUB	2003, 02, 21 11.13
_	490	longitudinal adj bias	USPAT;	2003/02/24 11:19
I			US-PGPUB	
-	1024	barkhausen	USPAT;	2003/02/24 11:19
			US-PGPUB	
-	785	domain near control	USPAT;	2003/02/24 11:20
•	2000		US-PGPUB	
-	2864	ferri ferrimagnetic ferrimagnetically	USPAT;	2003/02/24 11:20
	1	//	US-PGPUB	0000 (00 (0)
-	15	((antiferrmagnetically	USPAT;	2003/02/24 11:24
	Ì	anti?ferromagnetically SAF) (ferri ferrimagnetic ferrimagnetically)) same	US-PGPUB	
	1	((longitudinal adj bias) barkhausen		
1	1	(domain near control))		
-	9	, , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	2003/02/24 11:25
		anti?ferromagnetically SAF) (ferri	DERWENT;	
		ferrimagnetic ferrimagnetically)) and	IBM TDB	
		((longitudinal adj bias) barkhausen		
		(domain near control))		
-	66096	(360/\$ 369/\$ 29/603\$).ccls.	USPAT;	2003/02/25 15:07
			US-PGPUB	
-	8	AP adj coupled adj free	USPAT;	2003/02/25 15:17
1_	5	AP adj coupled adj pinned	US-PGPUB	2002/02/25 15 07
-]	Ar adj coupled adj pinned	USPAT; US-PGPUB	2003/02/25 15:07
_	3907	magnetic adj moment	USPAT;	2003/02/25 15:08
	330.	magneere aaj momene	US-PGPUB	2003/02/23 13:08
_	4	(AP adj coupled adj free) and (AP adj	USPAT;	2003/02/25 15:11
		coupled adj pinned) and (magnetic adj	US-PGPUB	2000, 02, 20 20.11
		moment)		
-	113336	thinner	USPAT;	2003/02/25 15:11
			US-PGPUB	
-	4		USPAT;	2003/02/25 15:12
\	4	adj moment) same thinner	US-PGPUB	0000/00/05 45 45
-	4	(AP adj coupled adj free) with (magnetic adj moment) with thinner	USPAT;	2003/02/25 15:17
_	293		US-PGPUB USPAT;	2003/02/25 15:13
		and I drive the state of the st	US-PGPUB	2003/02/23 13:13
-	1183889	free	USPAT;	2003/02/25 15:13
			US-PGPUB	
-	0		USPAT;	2003/02/25 15:13
		(magnetic adj moment) with thinner	US-PGPUB	
-	1	antiferromagnetically with free with	USPAT;	2003/02/25 15:14
	61410	thinner	US-PGPUB	0000/05/55
-	51419	higher adj3 (density densities)	USPAT;	2003/02/25 15:14
I	1	antifornamentically with form	US-PGPUB	0000/00/05
-	j	antiferromagnetically with free same (higher adj3 (density densities))	USPAT;	2003/02/25 15:15
_	46		US-PGPUB	2002/02/25 15 15
	"	amorron agree to arry with free	USPAT; US-PGPUB	2003/02/25 15:15
-	832599	advantage	USPAT;	2003/02/25 15:15
			US-PGPUB	2003/02/23 13:13
-	0	(antiferromagnetically with free) with	USPAT;	2003/02/25 15:15
		advantage	US-PGPUB	
-	403	net adj (magnetic adj moment)	USPAT;	2003/02/25 15:17
			US-PGPUB	
-	735690	stable stability	USPAT;	2003/02/25 15:17
_	A 1	ND adi2 from	US-PGPUB	000040=
_	41	AP adj2 free	USPAT;	2003/02/25 15:18
_	o	((antiferromagnetically with free) (AP	US-PGPUB	2002/00/05 15 10
	l	adj2 free)) same (net adj (magnetic adj	USPAT; US-PGPUB	2003/02/25 15:18
		moment)) same (stable stability)	30 2020	
				L



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<u></u>	66096	(360/\$ 369/\$ 29/603\$).ccls.	USPAT;	2003/02/25 16:34
		(*****, ****, *************************	US-PGPUB	
_	3494	AFM	USPAT:	2003/02/25 16:34
1			US-PGPUB	
1_	2021	antiferromagnetic anti?ferromagnetic	USPAT;	2003/02/25 16:34
	2021	and recreation and reference and recreation and r	US-PGPUB	2003/02/23 10:34
_	7259	NiO	USPAT;	2003/02/25 16:34
	1233		US-PGPUB	2003/02/23 10:34
_	200	Fe2O3	USPAT;	2003/02/25 16:34
	200	1 10203	US-PGPUB	2003/02/23 10:34
_	21904	CoO	USPAT:	2003/02/25 16:35
	21304		US-PGPUB	2003/02/23 10:33
_	26910	NiO Fe2O3 CoO	USPAT;	2003/02/25 16:35
	20010	1 110 10203 000	US-PGPUB	2003/02/23 10.33
_	5244	AFM (antiferromagnetic anti?ferromagnetic)	USPAT;	2003/02/25 16:35
-] 3244	APM (antiferromagnetic antiferromagnetic)	US-PGPUB	2003/02/23 10.33
	441	(NiO Fe2O3 CoO) with (AFM	USPAT;	2003/02/25 16:35
_	447	(antiferromagnetic anti?ferromagnetic))	US-PGPUB	2003/02/23 16:35
	338	((360/\$ 369/\$ 29/603\$).ccls.) and ((NiO	USPAT;	2003/02/25 16:35
_	336	Fe2O3 CoO) with (AFM (antiferromagnetic	US-PGPUB	2003/02/23 16:35
		anti?ferromagnetic)))	US-FGFUB	
	6429	pinning	USPAT;	2003/02/25 16:35
-	0429	piming	US-PGPUB	2003/02/25 16:35
	62	pinning with ((NiO Fe2O3 CoO) with (AFM	USPAT;	2003/02/25 16:36
_	62	(antiferromagnetic anti?ferromagnetic)))	US-PGPUB	2003/02/25 16:36
	53		1	2003/02/25 16:36
_	33	((360/\$ 369/\$ 29/603\$).ccls.) and	USPAT; US-PGPUB	2003/02/25 16:36
		(pinning with ((NiO Fe203 CoO) with (AFM	US-PGPUB	
	6	(antiferromagnetic anti?ferromagnetic))))	HCDAM.	2002/00/05 16 50
-	٥ ا	("5492720" "5058866" "5696654" "5528440" "5768067" "5691864").pn.	USPAT;	2003/02/25 16:50
	1291		US-PGPUB USPAT;	2003/07/01 14:09
-	1291	((360/324.12).ccls.) ((360/324.1).ccls.) ((360/324).ccls.) ((360/317).ccls.)	USPAT; US-PGPUB	2003/0//01 14:09
		1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	02-16108	
		((360/313).ccls.) ((360/110).ccls.)		
	1	((360/327.3).ccls.) ((360/327.32).ccls.)	LIGDAM.	2002/07/01 14 44
-	1	("6266218").pn.	USPAT;	2003/07/01 14:44
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-	1	("6462919").pn.	USPAT;	2003/07/01 14:45
	1 202	/200/204 12 200/204 1 200/204 200/207	US-PGPUB	0000/07/14 10 11
-	1303	(360/324.12 360/324.1 360/324 360/317	USPAT;	2003/07/14 19:11
		360/313 360/110 360/327.3	US-PGPUB	
l	L	360/327.32).ccls.	<u> </u>]